L13 ANSWER 17 OF 17 USPATFULL on STN

Full Text | Ref References

| | |
|---|---|
| ACCESSION NUMBER: | 89:6050 USPATFULL |
| TITLE: | Pyridine-ethanolamine derivatives |
| INVENTOR(S): | Alig, Leo, Kaiseraugst, Switzerland<br>Muller, Marcel, Frenkendorf, Switzerland |
| PATENT ASSIGNEE(S): | Hoffmann-La Roche Inc., Nutley, NJ, United States (U.S. corporation) |

| | NUMBER | KIND | DATE | |
|---|---|---|---|---|
| **PATENT INFORMATION:** | **US 4800206** | | **19890124** | |
| APPLICATION INFO.: | US 1987-57150 | | 19870603 | (7) |

| | NUMBER | DATE |
|---|---|---|
| PRIORITY INFORMATION: | CH 1986-2608 | 19860627 |
| | CH 1987-1186 | 19870327 |

| | |
|---|---|
| DOCUMENT TYPE: | Utility |
| FILE SEGMENT: | Granted |
| PRIMARY EXAMINER: | Fan, Jane T. |
| LEGAL REPRESENTATIVE: | Saxe, Jon S., Leon, Bernard S., Isgro, William G. |
| NUMBER OF CLAIMS: | 21 |
| EXEMPLARY CLAIM: | 1 |
| LINE COUNT: | 879 |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

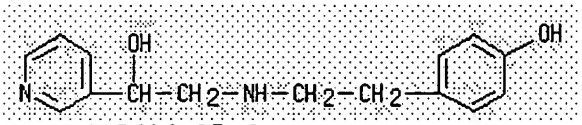
AB Pyridine-ethanolamines of the formula ##STR1## wherein n, X, Y, $R^1$, $R^2$ and $R^3$ have the significances given in the description, their corresponding enantiomers, diastereomers, and racemates as well as the pysiologically compatible salts thereof are describe. The compounds of formula I have catabolic activity and can be used for the treatment of obesity and of diabetes mellitus or of conditions which are associated with an increased protein breakdown, or as feed additives for fattening animals. The compounds of formula I can be prepared by alkylating the primary or secondary amines corresponding to the secondary or tertiary amines of formula I.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT **115548-43-1P 115626-97-6P**
(prepn. of, as remedy for obesity, diabetes mellitus, and elevated protein degrdn.)

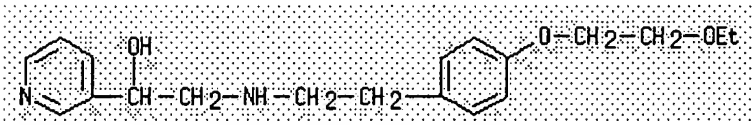
RN 115548-43-1 USPATFULL

CN 3-Pyridinemethanol, α-[[[2-(4-hydroxyphenyl)ethyl]amino]methyl]- (9CI) (CA INDEX NAME)




RN 115626-97-6 USPATFULL

CN 3-Pyridinemethanol, α-[[[2-[4-(2-ethoxyethoxy)phenyl]ethyl]amino]methyl]- (9CI) (CA INDEX NAME)



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L13 ANSWER 16 OF 17 USPATFULL on STN

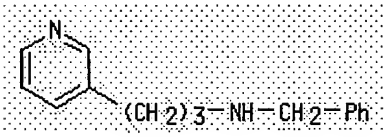
Full Text | Citing References

ACCESSION NUMBER: 89:102325 USPATFULL
TITLE: Synthetic flavonoids as inhibitors of leukotrienes and 5-lipoxygenase
INVENTOR(S): Wu, Edwin S., Rochester, NY, United States
Kover, Alexander, Rochester, NY, United States
PATENT ASSIGNEE(S): Fisons Corporation, Rochester, NY, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|---|---|---|---|
| **PATENT INFORMATION:** | **US 4889941** | | **19891226** |
| APPLICATION INFO.: | US 1987-129014 | | 19871204 (7) |

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1987-41817, filed on 23 Apr 1987, now abandoned
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Chan, Nicky
LEGAL REPRESENTATIVE: Seidel, Gonda, Lavorgna & Monaco
NUMBER OF CLAIMS: 1
EXEMPLARY CLAIM: 1
LINE COUNT: 699
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB 7-[3-[(3,4-dihydroxyphenethyl)amino]-2-hydroxypropoxy]-flavone hydrobromide, and related flavonoids are disclosed to inhibit leukotrienes and 5-lipoxygenase; preferred compounds also inhibit rat anaphylaxis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT **119161-86-3P**
(prepn. and reaction of, in prepn. of leukotriene and lipoxygenase inhibitors)
RN 119161-86-3 USPATFULL
CN 3-Pyridinepropanamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



L13 ANSWER 15 OF 17 USPATFULL on STN

Full Text | Citing References

ACCESSION NUMBER: 91:8812 USPATFULL
TITLE: Pyridine-ethanolamine derivatives
INVENTOR(S): Alig, Leo, Kaiseraugst, Switzerland
Muller, Marcel, Frenkendorf, Switzerland
PATENT ASSIGNEE(S): Hoffmann-La Roche Inc., Nutley, NJ, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|---|---|---|---|
| **PATENT INFORMATION:** | **US 4988714** | | **19910129** |
| APPLICATION INFO.: | US 1988-236802 | | 19880826 (7) |

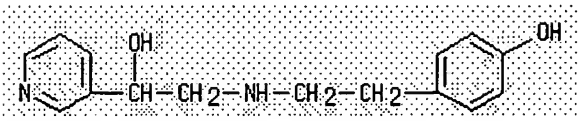
RELATED APPLN. INFO.: Division of Ser. No. US 1987-57150, filed on 3 Jun 1987, now patented, Pat. No. US 4800206, issued on 24 Jan 1989

| | NUMBER | DATE |
|---|---|---|
| PRIORITY INFORMATION: | CH 1986-2608 | 19860627 |
| | CH 1987-1186 | 19870327 |

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Fan, Jane T.
LEGAL REPRESENTATIVE: Gould, George M., Leon, Bernard S., Isgro, William G.
NUMBER OF CLAIMS: 24
EXEMPLARY CLAIM: 1
LINE COUNT: 904
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Pyridine-ethanolamines of the formula ##STR1## wherein n, X, Y, $R^1$, $R^2$ and $R^3$ have the significances given in the description, their corresponding enantiomers, diastereomers, and racemates as well as the physiologically compatible salts thereof are described. The compounds of formula I have catabolic activity and can be used for the treatment of obesity and of diabetes mellitus or of conditions which are associated with an increased protein breakdown, or as feed additives for fattening animals. The compounds of formula I can be prepared by alkylating the primary or secondary amines corresponding to the secondary or tertiary amines of formula I.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT **115548-43-1P 115626-97-6P**
(prepn. of, as remedy for obesity, diabetes mellitus, and elevated protein degrdn.)
RN 115548-43-1 USPATFULL
CN 3-Pyridinemethanol, α-[[[2-(4-hydroxyphenyl)ethyl]amino]methyl]- (9CI) (CA INDEX NAME)




RN 115626-97-6 USPATFULL
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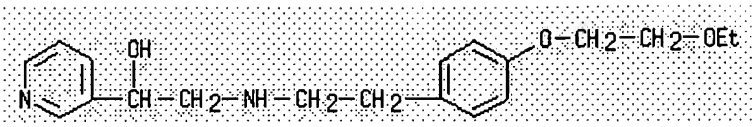
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O—CH2—CH2—OEt

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CH
CH2
NH
CH2
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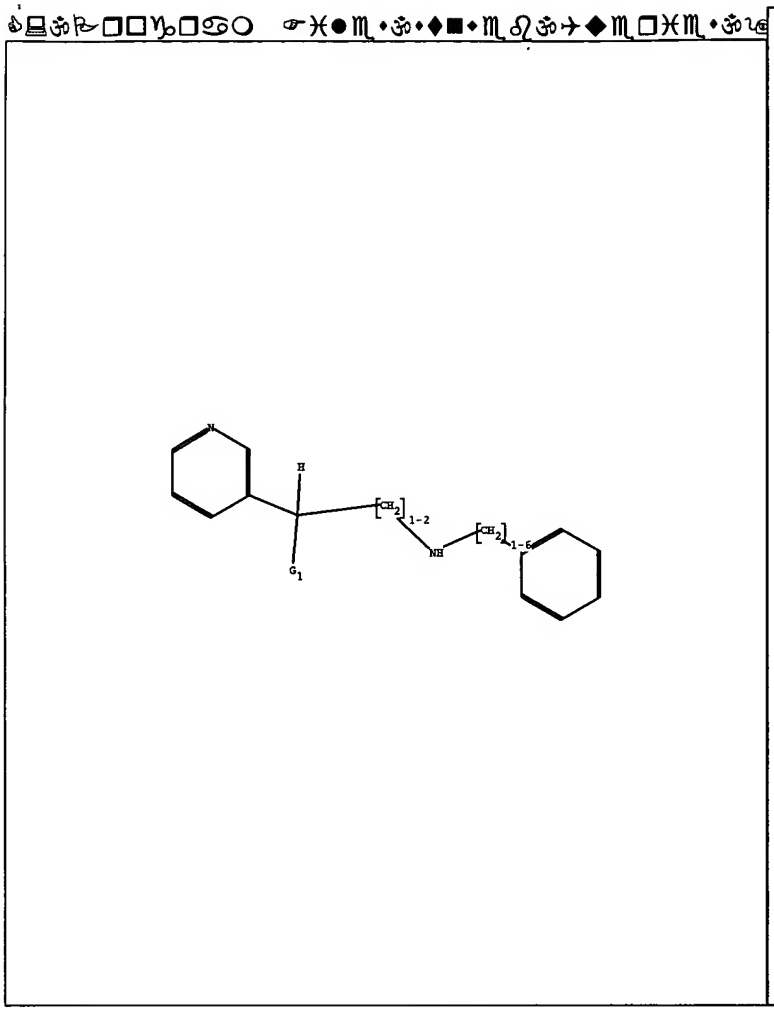
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NH
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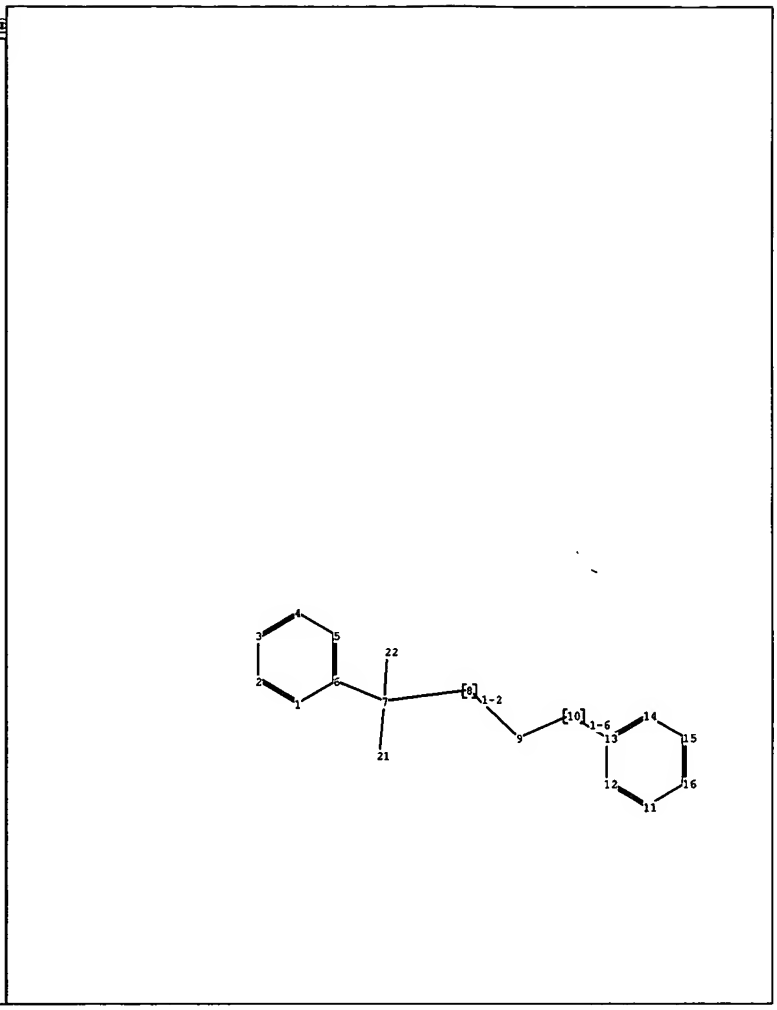
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CH3


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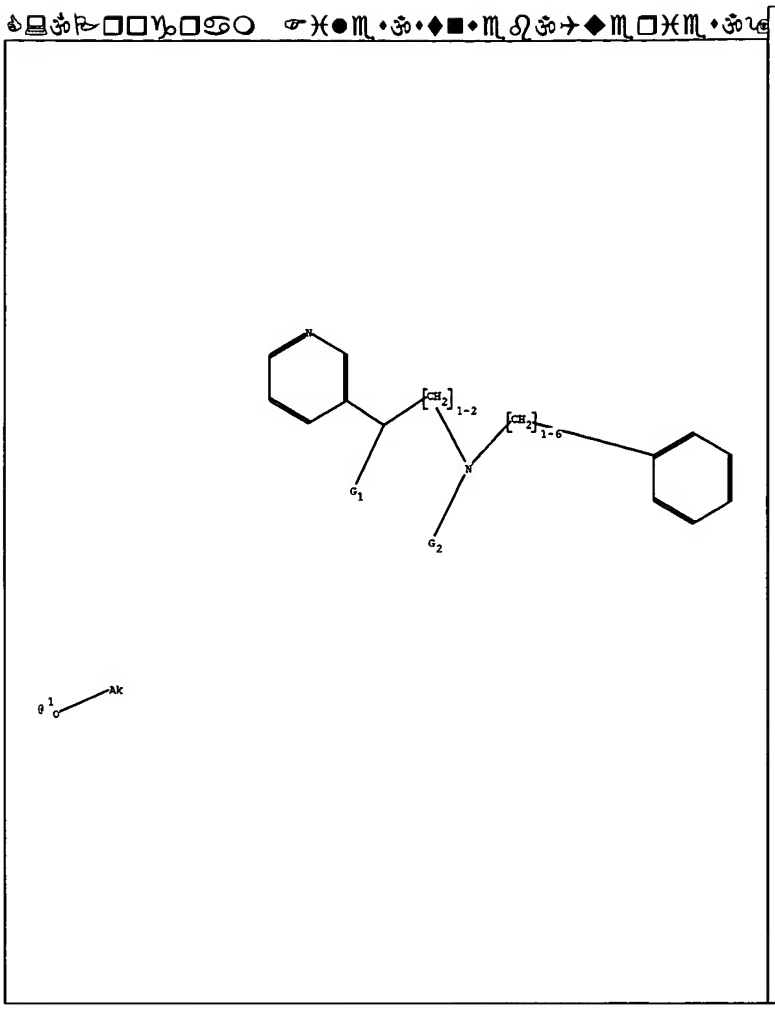
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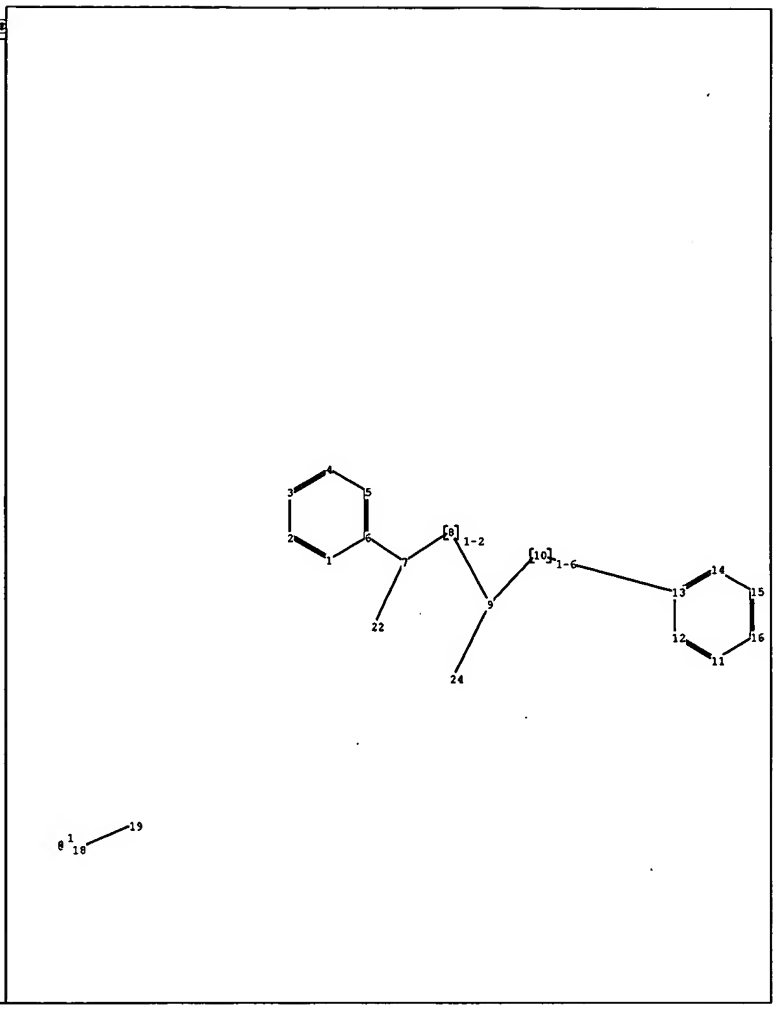
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DICTIONARY FILE UPDATES:  23 MAY 2006  HIGHEST RN 885357-09-5

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**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,    *
* effective March 20, 2005.  A new display format, IDERL, is now     *
* available and contains the CA role and document type information. *
*                                                                    *
**********************************************************************

Structure search iteration limits have been increased.  See HELP SLIMITS
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http://www.cas.org/ONLINE/UG/regprops.html

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Uploading structure

L1      STRUCTURE UPLOADED

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L1 HAS NO ANSWERS
L1              STR
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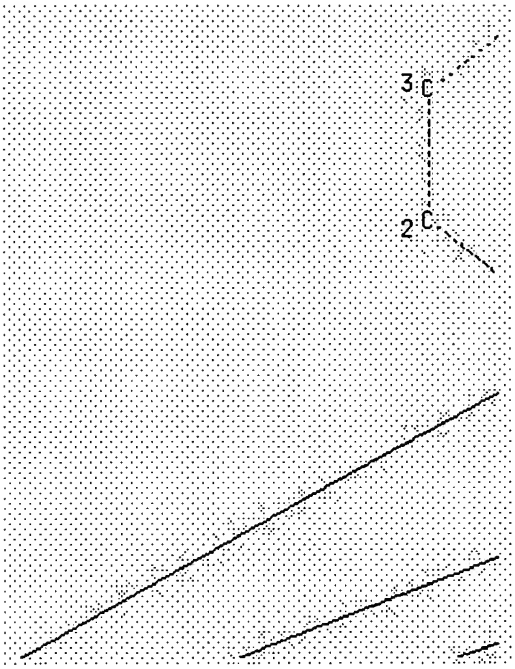
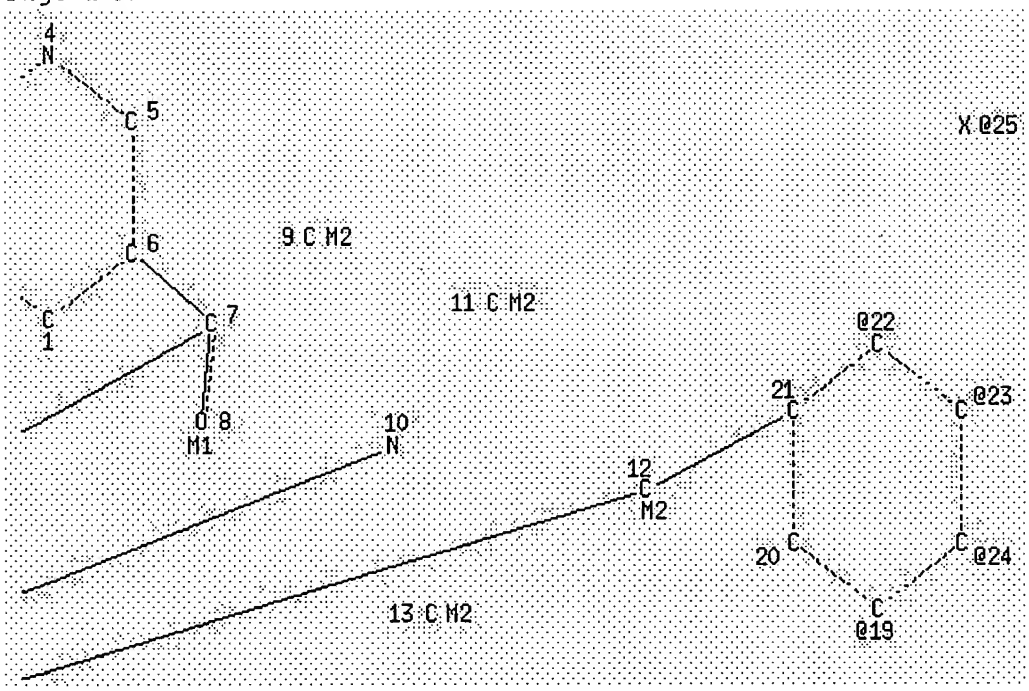



Page 1-A




Page 1-B

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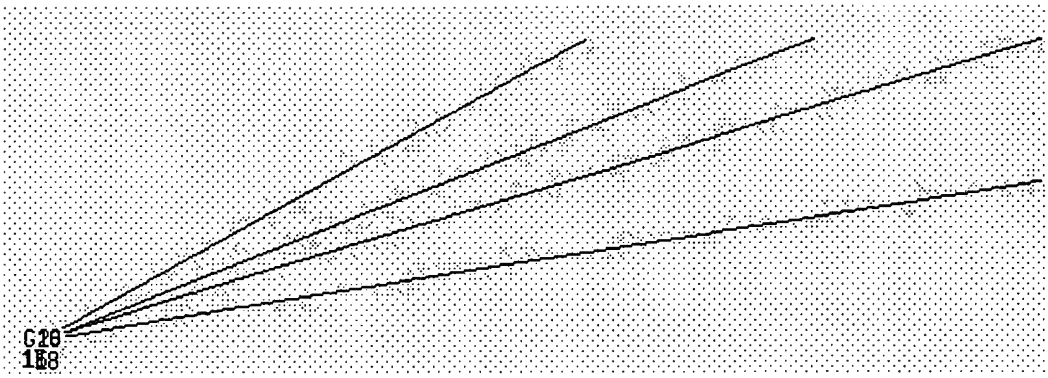
Page 1-C

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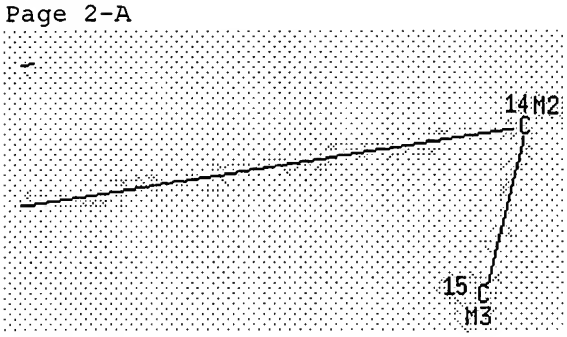


Page 2-B

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REP G20=(0-2) 13-10 13-14
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VPA 26-19/23/24 S
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NUMBER OF NODES IS  26

STEREO ATTRIBUTES: NONE


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SEARCH ENDED BY USER

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SAMPLE SCREEN SEARCH COMPLETED -      118 TO ITERATE

100.0% PROCESSED      118 ITERATIONS                                  0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
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PROJECTED ITERATIONS:         1709 TO     3011
PROJECTED ANSWERS:               0 TO        0

L2            0 SEA SSS SAM L1

=> s l1 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 166.50 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
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FULL SCREEN SEARCH COMPLETED -     2501 TO ITERATE

100.0% PROCESSED     2501 ITERATIONS                                  3 ANSWERS
SEARCH TIME: 00.00.01

L3            3 SEA SSS FUL L1

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                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   170.02     170.23

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FILE LAST UPDATED: 23 May 2006 (20060523/ED)

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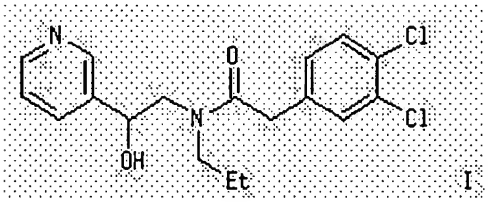
L4 2 L3

=> d l4, ibib abs hitstr, 1-2

L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN

Full Text | Cited References

ACCESSION NUMBER: 2005:1306976 HCAPLUS
DOCUMENT NUMBER: 144:212622
TITLE: Synthesis, Conformation, and Stereodynamics of a Salt of 2-{[2-(3,4-Dichlorophenyl)- ethyl]propylamino}-1-pyridin-3-ylethanol
AUTHOR(S): Korosec, Tina; Grdadolnik, Joze; Urleb, Uros; Kocjan, Darko; Golic Grdadolnik, Simona
CORPORATE SOURCE: Drug Discovery, Lek Pharmaceuticals d. d., Ljubljana, SI-1526, Slovenia
SOURCE: Journal of Organic Chemistry (2006), 71(2), 792-795
CODEN: JOCEAH; ISSN: 0022-3263
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 144:212622
GI




I

AB The dihydrobromide salt of [(3,4-dichlorophenylethyl)(propyl)amino]-3-pyridineethanol I is prepd. by two routes; the 1H NMR spectrum of I?2HBr in methanol-d4 shows line broadening at room temp. from the equilibration of diastereomers at nitrogen. Redn. of 3-(bromoacetyl)pyridine hydrobromide with sodium borohydride, substitution of the bromide with propylamine, acylation of the secondary amine with 3,4-dichlorophenylacetic acid, amide redn. with borane-dimethyl sulfide, and formation of the dihydrobromide salt yields I?2HBr in five steps and 26% overall yield. Redn. of 3-(bromoacetyl)pyridine hydrobromide with sodium borohydride, substitution of the bromide with 3,4-dichlorophenethylamine, reductive amination with propanal and sodium triacetoxyborohydride in 1,2-dichloroethane, and formation of the dihydrobromide salt yields I?2HBr in four steps and 59% overall yield.

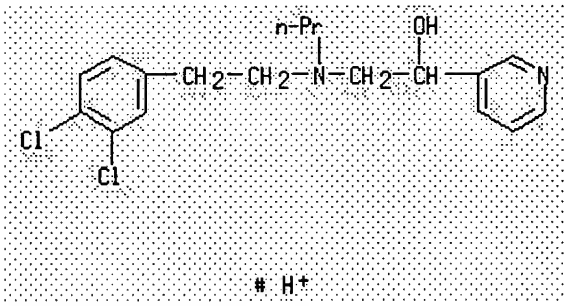
Free energy barriers are detd. for the line broadening processes present in NMR spectra of I?2HBr or in spectra of mixts. of I and benzenesulfonic acid; calcd. structures of the diastereomers of I?H+ are consistent with the results of NOESY and ROESY expts. on I?2HBr.

IT **875811-95-3**

RL: PRP (Properties)
(calcd. structure of diastereomers of a protonated tertiary amino-substituted 3-pyridineethanol to det. the source of line broadening in the NMR spectra of the corresponding dihydrobromide salt)

RN 875811-95-3 HCAPLUS

CN 3-Pyridinemethanol, α-[[[2-(3,4-dichlorophenyl)ethyl]propylamino]methyl]-, conjugate monoacid (9CI) (CA INDEX NAME)

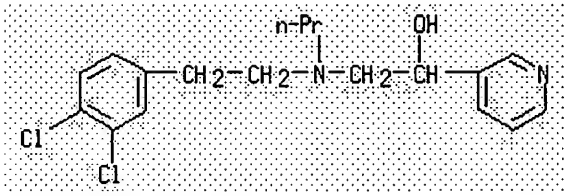



IT **648930-55-6P**

RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of the dihydrobromide salt of a tertiary amino-substituted 3-pyridineethanol, its NMR line broadening due to inversion at nitrogen, calcd. free energy barriers to equilibration, and calcd. structures for its diastereomers)

RN 648930-55-6 HCAPLUS

CN 3-Pyridinemethanol, α-[[[2-(3,4-dichlorophenyl)ethyl]propylamino]methyl]- (9CI) (CA INDEX NAME)

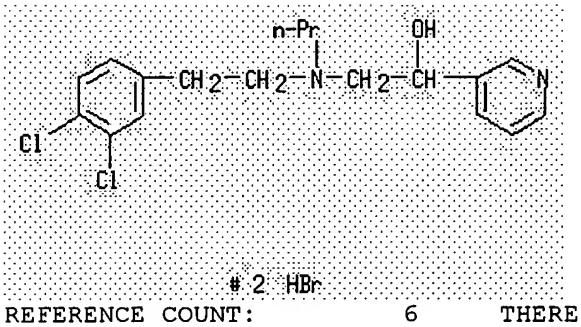



IT **648930-56-7P**

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(prepn. of the dihydrobromide salt of a tertiary amino-substituted 3-pyridineethanol, its NMR line broadening due to inversion at nitrogen, calcd. free energy barriers to equilibration, and calcd. structures for its diastereomers)

RN 648930-56-7 HCAPLUS

CN 3-Pyridinemethanol, α-[[[2-(3,4-dichlorophenyl)ethyl]propylamino]methyl]-, dihydrobromide (9CI) (CA INDEX NAME)




REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN

Full Text | Citing References

ACCESSION NUMBER: 2004:60474 HCAPLUS
DOCUMENT NUMBER: 140:128278
TITLE: Preparation of 1-pyridyl-2-[(2-phenylethyl)amino]ethanols as inhibitors of cholesterol biosynthesis
INVENTOR(S): Rode, Breda; Rozman, Damjana; Fon, Tacer Klementina; Kocjan, Darko
PATENT ASSIGNEE(S): Lek Pharmaceuticals D.D., Slovenia
SOURCE: PCT Int. Appl., 46 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2004007456 | A1 | 20040122 | WO 2003-SI21 | 20030709 |
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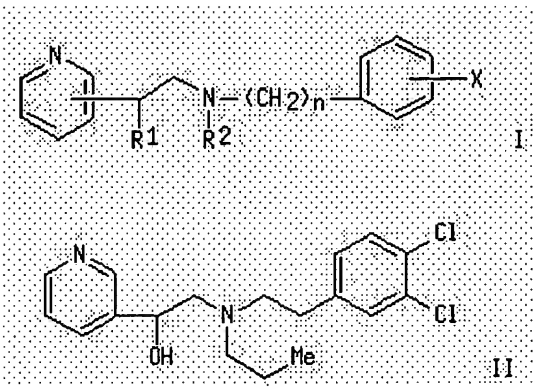
| SI 21268 | C | 20040229 | SI 2002-177 | 20020717 |
| SI 21368 | C | 20040630 | SI 2002-287 | 20021128 |
| CA 2493004 | AA | 20040122 | CA 2003-2493004 | 20030709 |
| AU 2003248614 | A1 | 20040202 | AU 2003-248614 | 20030709 |
| EP 1546105 | A1 | 20050629 | EP 2003-764285 | 20030709 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| BR 2003012945 | A | 20050712 | BR 2003-12945 | 20030709 |
| CN 1668594 | A | 20050914 | CN 2003-816850 | 20030709 |
| JP 2005538081 | T2 | 20051215 | JP 2004-521370 | 20030709 |
| NO 2005000833 | A | 20050418 | NO 2005-833 | 20050216 |
| US 2005256172 | A1 | 20051117 | US 2005-521294 | 20050524 |

| | | | |
|---|---|---|---|
| PRIORITY APPLN. INFO.: | SI 2002-177 | A | 20020717 |
| | SI 2002-287 | A | 20021128 |
| | WO 2003-SI21 | W | 20030709 |

OTHER SOURCE(S): MARPAT 140:128278

GI

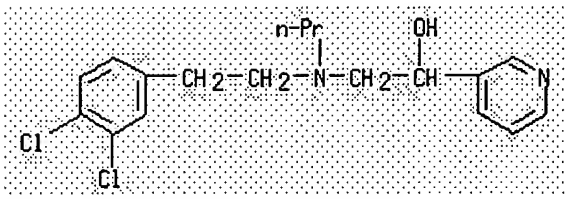


AB Title compds. I [wherein n = 1-4; R1 = H, OH, or alkoxy; R2 = H or alkyl; X = H, F, Cl, Br, OH, CF3, 3,4-Cl2, 2,4-Cl2, or alkoxy; and the enantiomers, diastereoisomers, racemates, or physiol. acceptable acid addn. salts thereof] were prepd. as ligands of σ receptors for inhibiting cholesterol biosynthesis. For example, reaction of 3-(bromoacetyl)pyridine?HBr with NaBH4 in abs. EtOH, followed by alkylation with PrNH2 afforded 1-(3-pyridyl)-2-propylaminoethanol (50%). The amine was coupled with 3,4-dichlorophenylacetic acid in CH2Cl2 in the presence of DCC to give 1-(3-pyridyl)-2-[N-[2-(3,4-dichlorophenyl)acetyl]-N-propylamino]ethanol (50%). Redn. of the acetamide using LiAlH4 in anhyd. THF provided the ethylamine (60%), which was converted to II?2HBr (BK-35?2HBr) in 85% yield. The latter completely blocked cholesterol biosynthesis and showed a ten-fold increase in the accumulation of sterol intermediates of the postsqualene portion of cholesterol biosynthesis. Thus, I and their pharmaceutical compns. are appropriate for the treatment of hypercholesterolemia and hyperlipemia in humans (no data).

IT **648930-55-6P**, 1-(3-Pyridyl)-2-[N-[2-(3,4-dichlorophenyl)ethyl]-N-propylamino]ethanol **648930-56-7P**, 1-(3-Pyridyl)-2-[N-[2-(3,4-dichlorophenyl)ethyl]-N-propylamino]ethanol dihydrobromide
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(anticholesteremic agent; prepn. of pyridyl(phenylethylamino)ethanols as inhibitors of cholesterol biosynthesis for treatment of hypercholesterolemia and hyperlipemia)

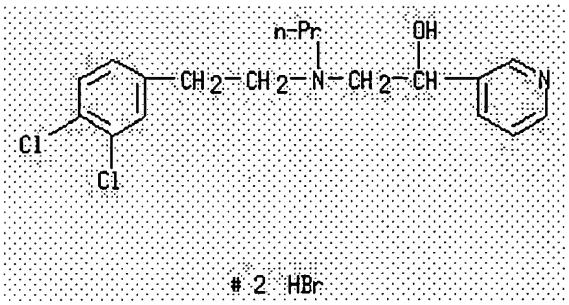
RN 648930-55-6 HCAPLUS

CN 3-Pyridinemethanol, α-[[[2-(3,4-dichlorophenyl)ethyl]propylamino]methyl]- (9CI) (CA INDEX NAME)



RN 648930-56-7 HCAPLUS

CN 3-Pyridinemethanol, α-[[[2-(3,4-dichlorophenyl)ethyl]propylamino]methyl]-, dihydrobromide (9CI) (CA INDEX NAME)




REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file caold

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 12.75 | 182.98 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | -1.50 | -1.50 |

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FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

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=> d his

(FILE 'HOME' ENTERED AT 11:43:32 ON 24 MAY 2006)

FILE 'REGISTRY' ENTERED AT 11:43:51 ON 24 MAY 2006
L1 STRUCTURE UPLOADED
L2 0 S L1
L3 3 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 11:48:31 ON 24 MAY 2006
L4 2 S L3

FILE 'CAOLD' ENTERED AT 11:49:03 ON 24 MAY 2006

=> s l3
L5 0 L3

```
=> file hcaplus
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.44     183.42

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)              SINCE FILE      TOTAL
                                                           ENTRY    SESSION
CA SUBSCRIBER PRICE                                         0.00      -1.50

FILE 'HCAPLUS' ENTERED AT 11:49:36 ON 24 MAY 2006
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FILE COVERS 1907 - 24 May 2006  VOL 144 ISS 22
FILE LAST UPDATED: 23 May 2006  (20060523/ED)

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 substance identification.

=> s rode, b?/au and rozman, d?/au and tacer, k?/au and kocjan, d?/au
            377 RODE, B?/AU
             56 ROZMAN, D?/AU
              3 TACER, K?/AU
             69 KOCJAN, D?/AU
L6            0 RODE, B?/AU AND ROZMAN, D?/AU AND TACER, K?/AU AND KOCJAN, D?/AU

=>
Uploading structure

L7      STRUCTURE UPLOADED

=> s l7
 REG1stRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.



SAMPLE SEARCH INITIATED 11:55:24 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      964 TO ITERATE

100.0% PROCESSED      964 ITERATIONS                              0 ANSWERS
SEARCH TIME: 00.00.01
```

```
FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:        17418 TO    21142
PROJECTED ANSWERS:               0 TO        0

L8            0 SEA SSS SAM L7



L9           0 L8

=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     2.53     211.69

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                     0.00      -1.50

FILE 'REGISTRY' ENTERED AT 11:55:28 ON 24 MAY 2006
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STRUCTURE FILE UPDATES:   23 MAY 2006  HIGHEST RN 885357-09-5
DICTIONARY FILE UPDATES:  23 MAY 2006  HIGHEST RN 885357-09-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

*********************************************************************
*                                                                   *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                   *
*********************************************************************

Structure search iteration limits have been increased.  See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading structure
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```
L10     STRUCTURE UPLOADED

=> s l10
SAMPLE SEARCH INITIATED 11:55:40 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      964 TO ITERATE

100.0% PROCESSED      964 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:        17418 TO    21142
PROJECTED ANSWERS:               0 TO        0

L11           0 SEA SSS SAM L10

=> s l10 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 166.50 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 11:55:45 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    18828 TO ITERATE

100.0% PROCESSED    18828 ITERATIONS                                1 ANSWERS
SEARCH TIME: 00.00.01

L12           1 SEA SSS FUL L10

=> file hcaplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    166.94     378.63

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                      0.00      -1.50

FILE 'HCAPLUS' ENTERED AT 11:55:48 ON 24 MAY 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE COVERS 1907 - 24 May 2006  VOL 144 ISS 22
FILE LAST UPDATED: 23 May 2006  (20060523/ED)

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 This file contains CAS Registry Numbers for easy and accurate
 substance identification.
```

```
=> s l12
L13           1 L12

=> d l13, ibib abs hitstr, 1

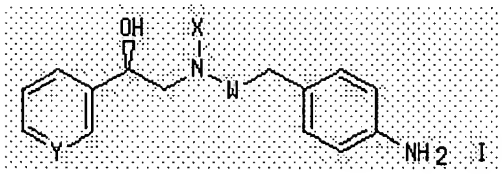
L13  ANSWER 1 OF 1  HCAPLUS  COPYRIGHT 2006 ACS on STN
```

Full Text | Citing References

ACCESSION NUMBER: 1998:632236 HCAPLUS
DOCUMENT NUMBER: 129:202860
TITLE: Preparation of N-Boc-N-(R)-2-((3-pyridyl)-2-hyroxyethyl-N-2-(4-aminophenyl)ethylamine and 2-(4-aminophenyl)-N-2-R-hydroxy-2-pyridine-3-yl-ethyl)acetamide
INVENTOR(S): Zhao, Dalian; Chartrain, Michel M.; Chung, John Y. L.; Roberge, Christopher
PATENT ASSIGNEE(S): Merck and Co., Inc., USA
SOURCE: Brit. UK Pat. Appl., 29 pp.
CODEN: BAXXDU
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | | DATE |
|---|---|---|---|---|---|
| GB 2315748 | A1 | 19980211 | GB 1997-14800 | | 19970714 |
| PRIORITY APPLN. INFO.: | | | US 1996-22056P | P | 19960722 |

OTHER SOURCE(S): CASREACT 129:202860; MARPAT 129:202860
GI

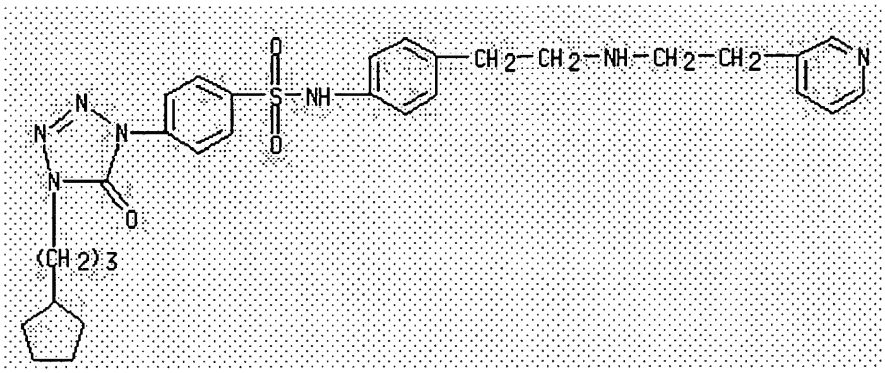



I

AB The title compds. (I; X = H, Boc; W = CH2, CO; Y = CH, N) are prepd. by multi-step reactions from 3-acetylpyridine in an overall good yield. I are useful as intermediates in the prodn. of β-3 agonist for the treatment of obesity and diabetes (no data).

IT **212253-89-9P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PNU (Preparation, unclassified); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of N-Boc-N-(R)-2-((3-pyridyl)-2-hyroxyethyl-N-2-(4-aminophenyl)ethylamine and 2-(4-aminophenyl)-N-2-R-hydroxy-2-pyridine-3-yl-ethyl)acetamide)

RN 212253-89-9 HCAPLUS
CN Benzenesulfonamide, 4-[4-(3-cyclopentylpropyl)-4,5-dihydro-5-oxo-1H-tetrazol-1-yl]-N-[4-[2-[[2-(3-pyridinyl)ethyl]amino]ethyl]phenyl]- (9CI) (CA INDEX NAME)



=> file caold
COST IN U.S. DOLLARS

| | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 10.17 | 388.80 |

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

| | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| CA SUBSCRIBER PRICE | -0.75 | -2.25 |

FILE 'CAOLD' ENTERED AT 11:57:03 ON 24 MAY 2006
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FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

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=> d his

(FILE 'HOME' ENTERED AT 11:43:32 ON 24 MAY 2006)

FILE 'REGISTRY' ENTERED AT 11:43:51 ON 24 MAY 2006
L1 STRUCTURE UPLOADED
L2 0 S L1
L3 3 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 11:48:31 ON 24 MAY 2006
L4 2 S L3

FILE 'CAOLD' ENTERED AT 11:49:03 ON 24 MAY 2006
L5 0 S L3

FILE 'HCAPLUS' ENTERED AT 11:49:36 ON 24 MAY 2006

```
L6              0 S RODE, B?/AU AND ROZMAN, D?/AU AND TACER, K?/AU AND KOCJAN, D?
L7                STRUCTURE UPLOADED
                  S L7

     FILE 'REGISTRY' ENTERED AT 11:55:24 ON 24 MAY 2006
L8              0 S L7

     FILE 'HCAPLUS' ENTERED AT 11:55:24 ON 24 MAY 2006
L9              0 S L8

     FILE 'REGISTRY' ENTERED AT 11:55:28 ON 24 MAY 2006
L10               STRUCTURE UPLOADED
L11             0 S L10
L12             1 S L10 FULL

     FILE 'HCAPLUS' ENTERED AT 11:55:48 ON 24 MAY 2006
L13             1 S L12

     FILE 'CAOLD' ENTERED AT 11:57:03 ON 24 MAY 2006

=> s l12
L14           0 L12

=> file reg
COST IN U.S. DOLLARS                            SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                 0.44     389.24

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)      SINCE FILE      TOTAL
                                                   ENTRY    SESSION
CA SUBSCRIBER PRICE                                 0.00      -2.25

FILE 'REGISTRY' ENTERED AT 11:57:10 ON 24 MAY 2006
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STRUCTURE FILE UPDATES:   23 MAY 2006  HIGHEST RN 885357-09-5
DICTIONARY FILE UPDATES:  23 MAY 2006  HIGHEST RN 885357-09-5

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TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

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*********************************************************************
*                                                                   *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                   *
*********************************************************************

Structure search iteration limits have been increased.  See HELP SLIMITS
```

```
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading structure

L15     STRUCTURE UPLOADED

=> s l15
SAMPLE SEARCH INITIATED 12:01:49 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     1544 TO ITERATE

100.0% PROCESSED     1544 ITERATIONS                                50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:        28523 TO    33237
PROJECTED ANSWERS:             800 TO     1760

L16          50 SEA SSS SAM L15

=> s l15 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 166.50 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 12:01:59 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    30140 TO ITERATE

100.0% PROCESSED    30140 ITERATIONS                            1202 ANSWERS
SEARCH TIME: 00.00.01

L17        1202 SEA SSS FUL L15

=> file hcaplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    170.02     559.26

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                      0.00      -2.25

FILE 'HCAPLUS' ENTERED AT 12:02:03 ON 24 MAY 2006
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FILE COVERS 1907 - 24 May 2006 VOL 144 ISS 22
FILE LAST UPDATED: 23 May 2006 (20060523/ED)

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This file contains CAS Registry Numbers for easy and accurate
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```
=> s l17
L18         107 L17

=> s l18 and rode, b?/au
            377 RODE, B?/AU
L19           1 L18 AND RODE, B?/AU

=> d his

     (FILE 'HOME' ENTERED AT 11:43:32 ON 24 MAY 2006)

     FILE 'REGISTRY' ENTERED AT 11:43:51 ON 24 MAY 2006
L1              STRUCTURE UPLOADED
L2            0 S L1
L3            3 S L1 FULL

     FILE 'HCAPLUS' ENTERED AT 11:48:31 ON 24 MAY 2006
L4            2 S L3

     FILE 'CAOLD' ENTERED AT 11:49:03 ON 24 MAY 2006
L5            0 S L3

     FILE 'HCAPLUS' ENTERED AT 11:49:36 ON 24 MAY 2006
L6            0 S RODE, B?/AU AND ROZMAN, D?/AU AND TACER, K?/AU AND KOCJAN, D?
L7              STRUCTURE UPLOADED
                S L7

     FILE 'REGISTRY' ENTERED AT 11:55:24 ON 24 MAY 2006
L8            0 S L7

     FILE 'HCAPLUS' ENTERED AT 11:55:24 ON 24 MAY 2006
L9            0 S L8

     FILE 'REGISTRY' ENTERED AT 11:55:28 ON 24 MAY 2006
L10             STRUCTURE UPLOADED
L11           0 S L10
L12           1 S L10 FULL

     FILE 'HCAPLUS' ENTERED AT 11:55:48 ON 24 MAY 2006
L13           1 S L12

     FILE 'CAOLD' ENTERED AT 11:57:03 ON 24 MAY 2006
L14           0 S L12

     FILE 'REGISTRY' ENTERED AT 11:57:10 ON 24 MAY 2006
L15             STRUCTURE UPLOADED
L16          50 S L15
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```
L17        1202 S L15 FULL

     FILE 'HCAPLUS' ENTERED AT 12:02:03 ON 24 MAY 2006
L18         107 S L17
L19           1 S L18 AND RODE, B?/AU

=> s l12 not l19
             1 L12
L20          1 L12 NOT L19

=> s l20 not l13
L21          0 L20 NOT L13

=> s l18 and rozman, d?/au
            56 ROZMAN, D?/AU
L22          1 L18 AND ROZMAN, D?/AU

=> d l22, ibib abs hitstr, 1

L22  ANSWER 1 OF 1  HCAPLUS  COPYRIGHT 2006 ACS on STN
```

Full Text | Citing References

ACCESSION NUMBER: 2004:60474 HCAPLUS
DOCUMENT NUMBER: 140:128278
TITLE: Preparation of 1-pyridyl-2-[(2-phenylethyl)amino]ethanols as inhibitors of cholesterol biosynthesis
INVENTOR(S): Rode, Breda; **Rozman, Damjana**; Fon, Tacer Klementina; Kocjan, Darko
PATENT ASSIGNEE(S): Lek Pharmaceuticals D.D., Slovenia
SOURCE: PCT Int. Appl., 46 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

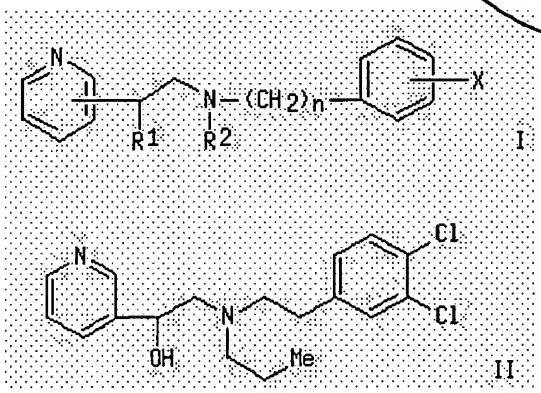
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2004007456 | A1 | 20040122 | WO 2003-SI21 | 20030709 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| SI 21268 | C | 20040229 | SI 2002-177 | 20020717 |
| SI 21368 | C | 20040630 | SI 2002-287 | 20021128 |
| CA 2493004 | AA | 20040122 | CA 2003-2493004 | 20030709 |
| AU 2003248614 | A1 | 20040202 | AU 2003-248614 | 20030709 |
| EP 1546105 | A1 | 20050629 | EP 2003-764285 | 20030709 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| BR 2003012945 | A | 20050712 | BR 2003-12945 | 20030709 |
| CN 1668594 | A | 20050914 | CN 2003-816850 | 20030709 |
| JP 2005538081 | T2 | 20051215 | JP 2004-521370 | 20030709 |

| | | | | | |
|---|---|---|---|---|---|
| NO 2005000833 | A | 20050418 | NO 2005-833 | | 20050216 |
| US 2005256172 | A1 | 20051117 | US 2005-521294 | | 20050524 |
| PRIORITY APPLN. INFO.: | | | SI 2002-177 | A | 20020717 |
| | | | SI 2002-287 | A | 20021128 |
| | | | WO 2003-SI21 | W | 20030709 |

OTHER SOURCE(S): MARPAT 140:128278

GI

10521294

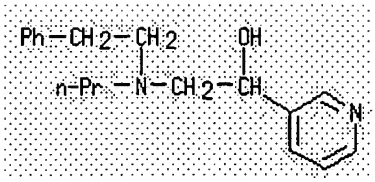



AB Title compds. I [wherein n = 1-4; R1 = H, OH, or alkoxy; R2 = H or alkyl; X = H, F, Cl, Br, OH, CF3, 3,4-Cl2, 2,4-Cl2, or alkoxy; and the enantiomers, diastereoisomers, racemates, or physiol. acceptable acid addn. salts thereof] were prepd. as ligands of σ receptors for inhibiting cholesterol biosynthesis. For example, reaction of 3-(bromoacetyl)pyridine?HBr with NaBH4 in abs. EtOH, followed by alkylation with PrNH2 afforded 1-(3-pyridyl)-2-propylaminoethanol (50%). The amine was coupled with 3,4-dichlorophenylacetic acid in CH2Cl2 in the presence of DCC to give 1-(3-pyridyl)-2-[N-[2-(3,4-dichlorophenyl)acetyl]-N-propylamino]ethanol (50%). Redn. of the acetamide using LiAlH4 in anhyd. THF provided the ethylamine (60%), which was converted to II?2HBr (BK-35?2HBr) in 85% yield. The latter completely blocked cholesterol biosynthesis and showed a ten-fold increase in the accumulation of sterol intermediates of the postsqualene portion of cholesterol biosynthesis. Thus, I and their pharmaceutical compns. are appropriate for the treatment of hypercholesterolemia and hyperlipemia in humans (no data).

IT **648930-50-1P**, 1-(3-Pyridyl)-2-[N-(2-phenylethyl)-N-propylamino]ethanol **648930-51-2P**, 1-(3-Pyridyl)-2-[N-(2-phenylethyl)-N-propylamino]ethanol dihydrobromide **648930-53-4P**, 1-(3-Pyridyl)-2-[N-[2-(3,4-dichlorophenyl)ethyl]-N-methylamino]ethanol **648930-54-5P**, 1-(3-Pyridyl)-2-[N-[2-(3,4-dichlorophenyl)ethyl]-N-methylamino]ethanol dihydrobromide **648930-55-6P**, 1-(3-Pyridyl)-2-[N-[2-(3,4-dichlorophenyl)ethyl]-N-propylamino]ethanol **648930-56-7P**, 1-(3-Pyridyl)-2-[N-[2-(3,4-dichlorophenyl)ethyl]-N-propylamino]ethanol dihydrobromide
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(anticholesteremic agent; prepn. of pyridyl(phenylethylamino)ethanols as inhibitors of cholesterol biosynthesis for treatment of hypercholesterolemia and hyperlipemia)

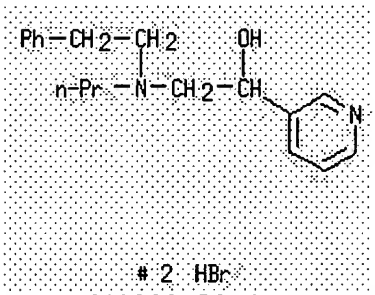
RN 648930-50-1 HCAPLUS

CN 3-Pyridinemethanol, α-[[(2-phenylethyl)propylamino]methyl]- (9CI) (CA INDEX NAME)



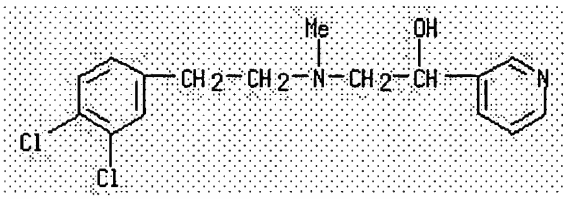
RN 648930-51-2 HCAPLUS

CN 3-Pyridinemethanol, α-[[(2-phenylethyl)propylamino]methyl]-, dihydrobromide (9CI) (CA INDEX NAME)



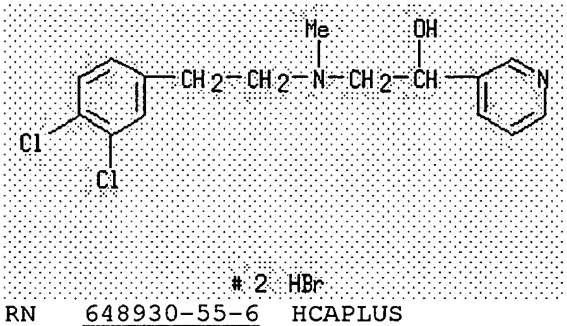
RN 648930-53-4 HCAPLUS

CN 3-Pyridinemethanol, α-[[[2-(3,4-dichlorophenyl)ethyl]methylamino]methyl]- (9CI) (CA INDEX NAME)



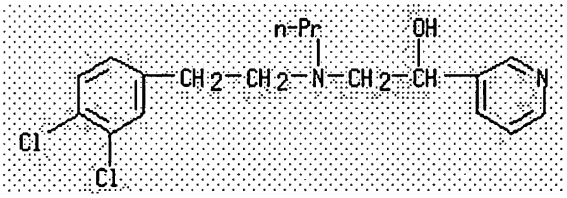
RN 648930-54-5 HCAPLUS

CN 3-Pyridinemethanol, α-[[[2-(3,4-dichlorophenyl)ethyl]methylamino]methyl]-, dihydrobromide (9CI) (CA INDEX NAME)



RN 648930-55-6 HCAPLUS

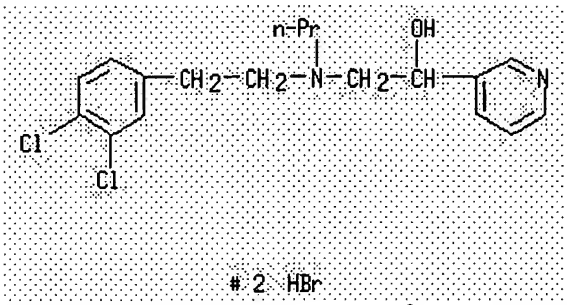
CN 3-Pyridinemethanol, α-[[[2-(3,4-dichlorophenyl)ethyl]propylamino]methyl]- (9CI) (CA INDEX NAME)



RN 648930-56-7 HCAPLUS

CN 3-Pyridinemethanol, α-[[[2-(3,4-dichlorophenyl)ethyl]propylamino]met

hyl]-, dihydrobromide (9CI) (CA INDEX NAME)




REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L1 STRUCTURE UPLOADED
L2 0 S L1
L3 3 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 11:48:31 ON 24 MAY 2006
L4 2 S L3

FILE 'CAOLD' ENTERED AT 11:49:03 ON 24 MAY 2006
L5 0 S L3

FILE 'HCAPLUS' ENTERED AT 11:49:36 ON 24 MAY 2006
L6 0 S RODE, B?/AU AND ROZMAN, D?/AU AND TACER, K?/AU AND KOCJAN, D?
L7 STRUCTURE UPLOADED
S L7

FILE 'REGISTRY' ENTERED AT 11:55:24 ON 24 MAY 2006
L8 0 S L7

FILE 'HCAPLUS' ENTERED AT 11:55:24 ON 24 MAY 2006
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FILE 'REGISTRY' ENTERED AT 11:55:28 ON 24 MAY 2006
L10 STRUCTURE UPLOADED
L11 0 S L10
L12 1 S L10 FULL

FILE 'HCAPLUS' ENTERED AT 11:55:48 ON 24 MAY 2006
L13 1 S L12

FILE 'CAOLD' ENTERED AT 11:57:03 ON 24 MAY 2006
L14 0 S L12

FILE 'REGISTRY' ENTERED AT 11:57:10 ON 24 MAY 2006
L15 STRUCTURE UPLOADED
L16 50 S L15
L17 1202 S L15 FULL

FILE 'HCAPLUS' ENTERED AT 12:02:03 ON 24 MAY 2006

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L18          107 S L17
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L22            1 S L18 AND ROZMAN, D?/AU

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=> s l23 and kocjan, d?/au
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L25  ANSWER 1 OF 1  HCAPLUS  COPYRIGHT 2006 ACS on STN
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Full Text | Citing References

ACCESSION NUMBER: 2005:1306976 HCAPLUS
DOCUMENT NUMBER: 144:212622
TITLE: Synthesis, Conformation, and Stereodynamics of a Salt of 2-{[2-(3,4-Dichlorophenyl)- ethyl]propylamino}-1-pyridin-3-ylethanol
AUTHOR(S): Korosec, Tina; Grdadolnik, Joze; Urleb, Uros; **Kocjan, Darko**; Golic Grdadolnik, Simona
CORPORATE SOURCE: Drug Discovery, Lek Pharmaceuticals d. d., Ljubljana, SI-1526, Slovenia
SOURCE: Journal of Organic Chemistry (2006), 71(2), 792-795
CODEN: JOCEAH; ISSN: 0022-3263
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 144:212622
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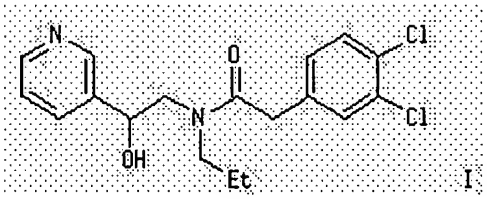



AB The dihydrobromide salt of [(3,4-dichlorophenylethyl)(propyl)amino]-3-pyridineethanol I is prepd. by two routes; the 1H NMR spectrum of I?2HBr in methanol-d4 shows line broadening at room temp. from the equilibration of diastereomers at nitrogen. Redn. of 3-(bromoacetyl)pyridine hydrobromide with sodium borohydride, substitution of the bromide with propylamine, acylation of the secondary amine with 3,4-dichlorophenylacetic acid, amide redn. with borane-dimethyl sulfide, and formation of the dihydrobromide salt yields I?2HBr in five steps and 26% overall yield. Redn. of 3-(bromoacetyl)pyridine hydrobromide with sodium borohydride, substitution of the bromide with 3,4-dichlorophenethylamine, reductive amination with propanal and sodium triacetoxyborohydride in 1,2-dichloroethane, and formation of the

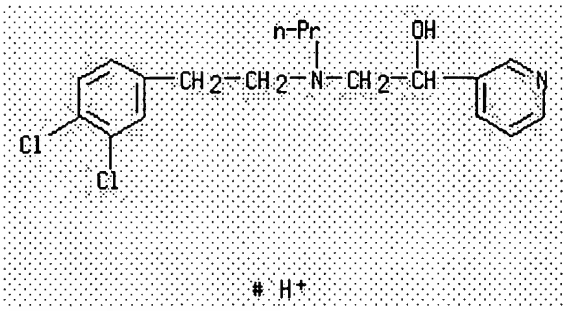
dihydrobromide salt yields I?2HBr in four steps and 59% overall yield. Free energy barriers are detd. for the line broadening processes present in NMR spectra of I?2HBr or in spectra of mixts. of I and benzenesulfonic acid; calcd. structures of the diastereomers of I?H+ are consistent with the results of NOESY and ROESY expts. on I?2HBr.

IT **875811-95-3**

RL: PRP (Properties)
(calcd. structure of diastereomers of a protonated tertiary amino-substituted 3-pyridineethanol to det. the source of line broadening in the NMR spectra of the corresponding dihydrobromide salt)

RN 875811-95-3 HCAPLUS

CN 3-Pyridinemethanol, α-[[[2-(3,4-dichlorophenyl)ethyl]propylamino]methyl]-, conjugate monoacid (9CI) (CA INDEX NAME)

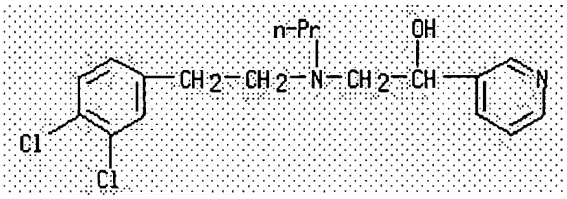



IT **648930-55-6P**

RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of the dihydrobromide salt of a tertiary amino-substituted 3-pyridineethanol, its NMR line broadening due to inversion at nitrogen, calcd. free energy barriers to equilibration, and calcd. structures for its diastereomers)

RN 648930-55-6 HCAPLUS

CN 3-Pyridinemethanol, α-[[[2-(3,4-dichlorophenyl)ethyl]propylamino]methyl]- (9CI) (CA INDEX NAME)

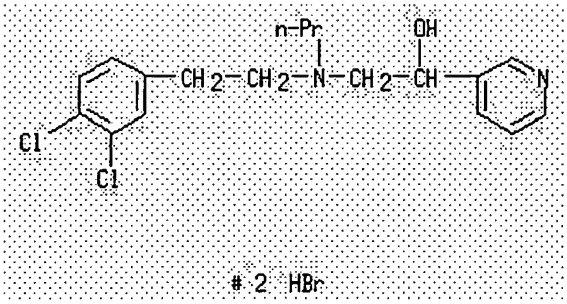



IT **648930-56-7P**

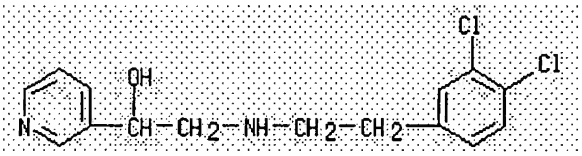
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(prepn. of the dihydrobromide salt of a tertiary amino-substituted 3-pyridineethanol, its NMR line broadening due to inversion at nitrogen, calcd. free energy barriers to equilibration, and calcd. structures for its diastereomers)

RN 648930-56-7 HCAPLUS

CN 3-Pyridinemethanol, α-[[[2-(3,4-dichlorophenyl)ethyl]propylamino]methyl]-, dihydrobromide (9CI) (CA INDEX NAME)




IT **875811-94-2P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of the dihydrobromide salt of a tertiary amino-substituted 3-pyridineethanol, its NMR line broadening due to inversion at nitrogen, calcd. free energy barriers to equilibration, and calcd. structures for its diastereomers)
RN 875811-94-2 HCAPLUS
CN 3-Pyridinemethanol, α-[[[2-(3,4-dichlorophenyl)ethyl]amino]methyl]- (9CI) (CA INDEX NAME)




REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file caold

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 25.40 | 584.66 |

| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| CA SUBSCRIBER PRICE | -1.50 | -3.75 |

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FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file supports REG1stRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

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     (FILE 'HOME' ENTERED AT 11:43:32 ON 24 MAY 2006)

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L1             STRUCTURE UPLOADED
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L3           3 S L1 FULL

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L4           2 S L3

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L5           0 S L3

     FILE 'HCAPLUS' ENTERED AT 11:49:36 ON 24 MAY 2006
L6           0 S RODE, B?/AU AND ROZMAN, D?/AU AND TACER, K?/AU AND KOCJAN, D?
L7             STRUCTURE UPLOADED
               S L7

     FILE 'REGISTRY' ENTERED AT 11:55:24 ON 24 MAY 2006
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     FILE 'HCAPLUS' ENTERED AT 11:55:24 ON 24 MAY 2006
L9           0 S L8

     FILE 'REGISTRY' ENTERED AT 11:55:28 ON 24 MAY 2006
L10            STRUCTURE UPLOADED
L11          0 S L10
L12          1 S L10 FULL

     FILE 'HCAPLUS' ENTERED AT 11:55:48 ON 24 MAY 2006
L13          1 S L12

     FILE 'CAOLD' ENTERED AT 11:57:03 ON 24 MAY 2006
L14          0 S L12

     FILE 'REGISTRY' ENTERED AT 11:57:10 ON 24 MAY 2006
L15            STRUCTURE UPLOADED
L16         50 S L15
L17       1202 S L15 FULL

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L19          1 S L18 AND RODE, B?/AU
L20          1 S L12 NOT L19
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L22          1 S L18 AND ROZMAN, D?/AU
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L24          0 S L23 AND FON TACER, K?/AU
L25          1 S L23 AND KOCJAN, D?/AU

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L26          2 L17

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L26 ANSWER 1 OF 2 CAOLD COPYRIGHT 2006 ACS on STN

Full Text

AN CA58:13927d CAOLD
TI analgesic isoquinolines
AU Kuehne, Martin E.
DT Patent
TI isoquinolines (analgesic)
PA CIBA Ltd.
DT Patent

| PATENT NO. | KIND | DATE |
|---|---|---|
| BE 617937 | | |
| FR 1336696 | | |
| US 3133926 | | 1964 |

IT 1039-95-8 1039-96-9 1043-69-2 1096-86-2 1429-61-4 3949-44-8
3951-64-2 4461-02-3 25932-48-3 93013-37-7 **93947-69-4** 93947-70-7

L26 ANSWER 2 OF 2 CAOLD COPYRIGHT 2006 ACS on STN
AN CA56:2415e CAOLD
TI synthesis of pyridine derivs. with potential circulatory action
AU Zymalkowski, Felix; Koppe, F.
IT 3737-69-7 19730-15-5 20173-24-4 20173-33-5 53295-70-8 71271-61-9
76025-61-1 89850-73-7 89850-94-2 89910-55-4 90000-30-9 90197-12-9
90203-22-8 90345-16-7 90434-63-2 90437-05-1 90482-84-1 90482-89-6
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91054-71-6 91054-72-7 91086-17-8 91086-18-9 91216-09-0 91429-75-3
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91800-28-1 91800-29-2 91817-64-0 92033-42-6 92058-58-7 92058-67-8
92255-17-9 92491-36-6 92492-76-7 92547-43-8 92869-96-0 **93045-05-7**
**93045-25-1** **93045-26-2** 93436-26-1 93761-79-6 94028-79-2 94866-37-2
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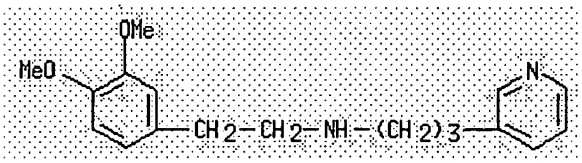
ANSWER 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 93947-69-4 REGISTRY
ED Entered STN: 30 Dec 1984
CN Pyridine, 3-[3-[(3,4-dimethoxyphenethyl)amino]propyl]- (7CI) (CA INDEX NAME)
FS 3D CONCORD
MF C18 H24 N2 O2
LC STN Files: CA, CAOLD, CAPLUS, CHEMCATS




**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

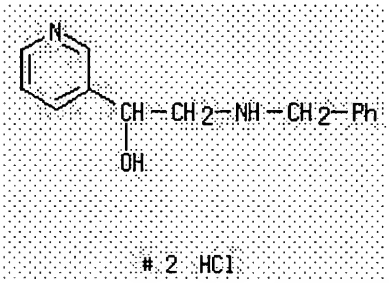
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

FILE 'CAOLD' ENTERED AT 12:06:35 ON 24 MAY 2006

=> fil reg; d acc 93045-25-1; fil CAOLD

FILE 'REGISTRY' ENTERED AT 12:06:39 ON 24 MAY 2006

ANSWER 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 93045-25-1 REGISTRY
ED Entered STN: 18 Dec 1984
CN 3-Pyridinemethanol, α-[(benzylamino)methyl]-, dihydrochloride (7CI) (CA INDEX NAME)
MF C14 H16 N2 O . 2 Cl H
LC STN Files: CA, CAOLD, CAPLUS
CRN (93045-26-2)




102 (b)

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

FILE 'CAOLD' ENTERED AT 12:06:39 ON 24 MAY 2006

=> fil reg; d acc 93045-26-2; fil CAOLD

FILE 'REGISTRY' ENTERED AT 12:06:45 ON 24 MAY 2006

ANSWER 1 REGISTRY COPYRIGHT 2006 ACS on STN
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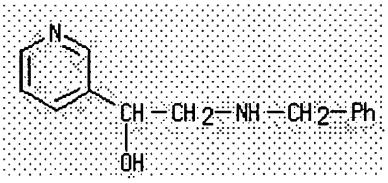
MF C14 H16 N2 O
CI COM
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS
(*File contains numerically searchable property data)




**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

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